

Computer Science Suggested Four-year Plan

Assumes placement exams cleared.

Freshman Year

Fall:

Writing I (ENGL 1100)
Historic Perspective
Precalculus (MATH 1300)
Computer Sc. 1 (CSC 1500)
General Physics I (PHYS 2300)

Spring:

Writing II (ENGL 1200)
Health & Fitness (PHED 1000)
Discrete Mathematics (MATH 1900)
Computer Sc. 2 (CSC 1550)
General Physics II (PHYS 2400)

Sophomore Year

Fall:

English
Ideas1
Intro. to Electronics (CSC 1600)
Systems Programming (CSC 2560)
Calculus I (MATH 2300)

Spring:

Speech
Ideas 2
Digital Electronics (CSC 1650)
Algorithms & Data Struct (CSC 3700)
Calculus II (MATH 2400)

Junior Year

Fall:

Art
Business Statistics (MATH 1800)
Programming Languages (CSC 3200)
Computer Org (CSC 2600)
CS elective 1

Spring:

Literature
Linear Algebra (MATH 2600)
Operating Systems (CSC 3100)
Microprocessors (CSC 3600)
CS elective 2

Senior Year

Fall:

Behavioral Sc. 1
CS elective 3
Internship 1 (or CS elective 4)
Free elective 1

Spring:

Behavioral Sc. 2
Software Engineering (CSC 4400)
Internship 2 (or CS elective 5)
Free elective 2

Suggested electives:

- Web programming with Java (CSC 3050)
- Advanced Topics in Web Development (CSC 3250)
- Assembly Language (CSC 3300)
- Data Communications & Networking (CSC 3400)
- Local Area Networks (CSC 3450)
- Object Oriented Programming (CSC 3500)
- Compiler Construction (CSC 4200)
- Database Programming (CSC 4550)
- Digital Signal Processing (CSC 4600)